

# Jocelyn Stericker

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## Bluescape – Principal Software Engineer, 2019 – present

- Architected and implemented **Operational Transformation** (OT) system for collaborative undo, redo, and consistency. Used **TypeScript**.
- Provided cross-team support in system design and architecture.
- Developed the technology and culture for **continuous deployment**, **feature flags**, and **cross-team collaboration**.

## Khan Academy – Software Engineer, 2017 – 2019

- Architected and implemented flexible challenge system to onboard teachers and motivate students. Used **Flow**-typed **React** and **Google App Engine** for **Python**.
- Improved data collection and processing systems to increase the relevancy and effectiveness of donation drive emails. Used **BigQuery** and **Python**.
- Wrote tools to help content creators and translators educate millions.

## Facebook – Intern, late 2016

- Wrote a tool to access current and historical news feed CPU/memory performance data for automated regression testing and analysis. Used **C++**, **SQL**, and **Python**.
- Automated the deployment & host management of a network-constrained service.

## About Me

I graduated from the University of Waterloo in 2017 with a Bachelor of Software Engineering.

I have a **YouTube channel** (<https://www.youtube.com/c/JocelynStericker>) with a thousand subscribers where I live code Rust. I started the channel by solving Advent of Code puzzles and am now building a voice journal for people who want to change the way their voice comes across.

I made **Hacklily** (<https://hacklily.org>), a web-based sheet music editor. It survived the front page of **Hacker News** and uses **Rust**, **Docker**, **React**, and **TypeScript**.

I am an avid builder and explorer. I thrive in teams where I can be both a learner and a teacher. I seek projects where the right solution isn't obvious and where experience across the entire stack is important.